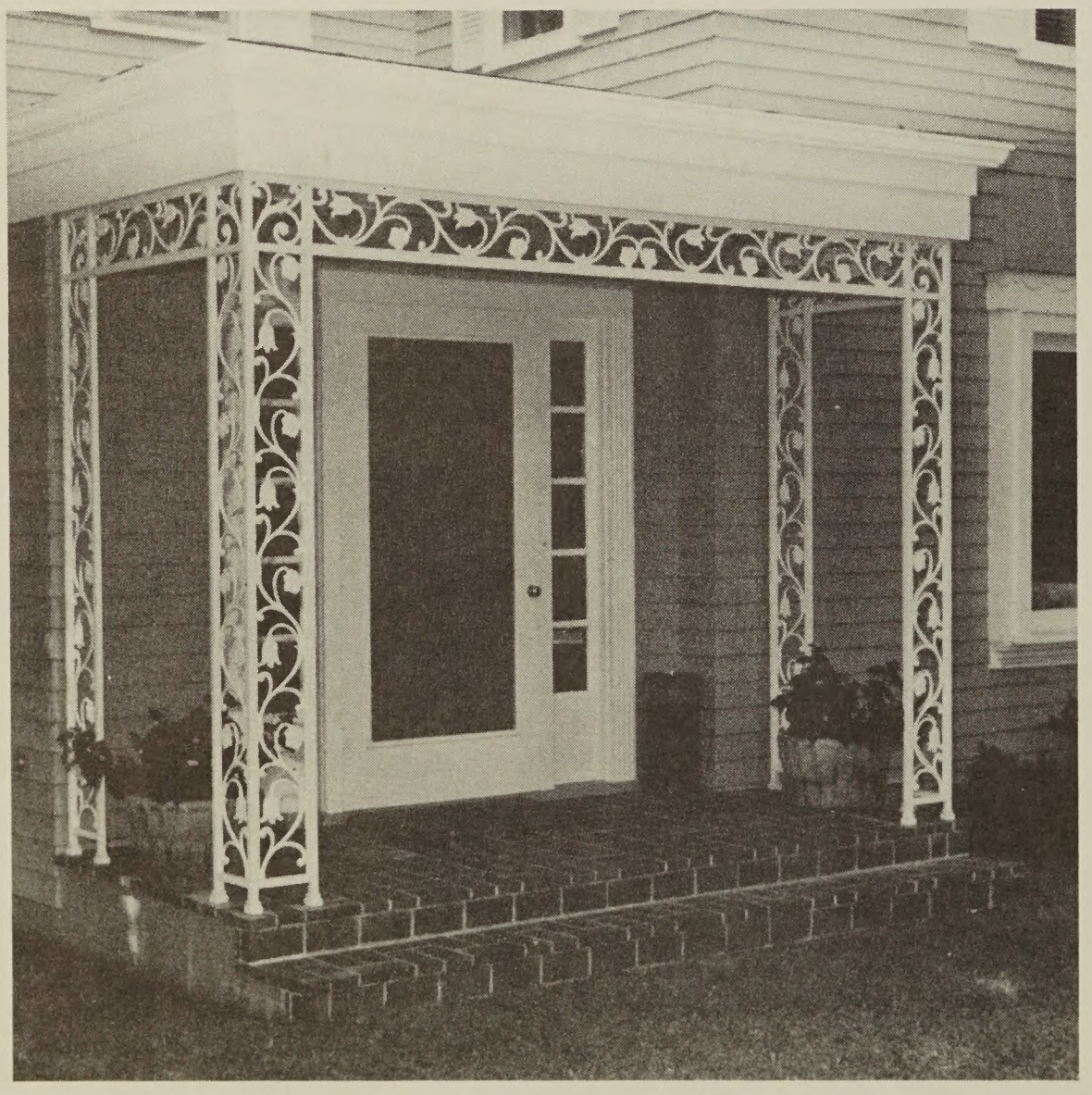
Cast Treillage



FUNCTIONAL BEAUTY

On these pages will be found examples of the application of cast treillage to contemporary preferences in architecture. It will be noted that it is functional as well as decorative whether used on the exterior or the interior of a building: an otherwise plain entrance is transformed into an appealing center of interest; the publishers of this portfolio have framed the inside of windows with columns and brackets, have made valances similarly used, and it has been suggested that two single panel columns form the sides of a bookcase.

Sternberg Manufacturing Co. 4510 Addison Street Chicago 41, Illinois

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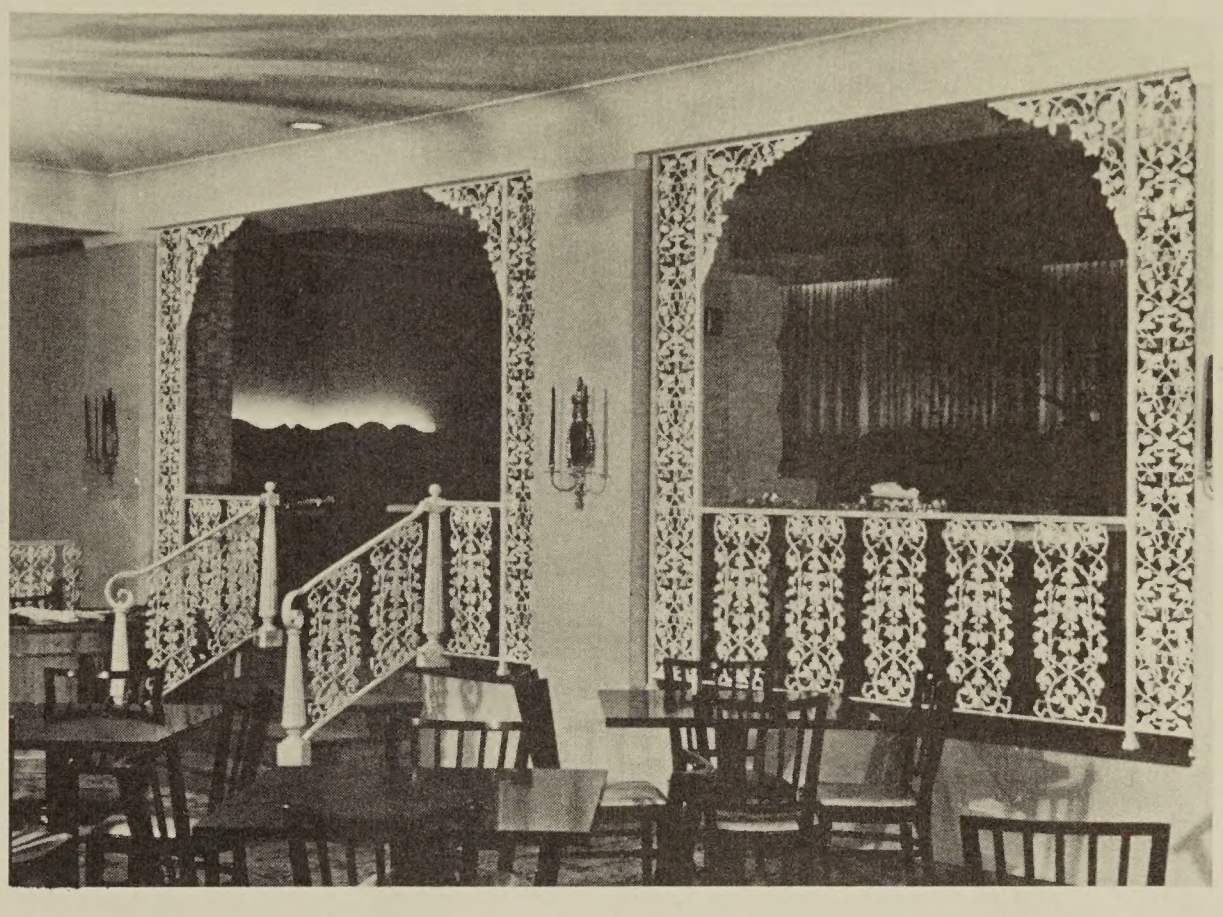
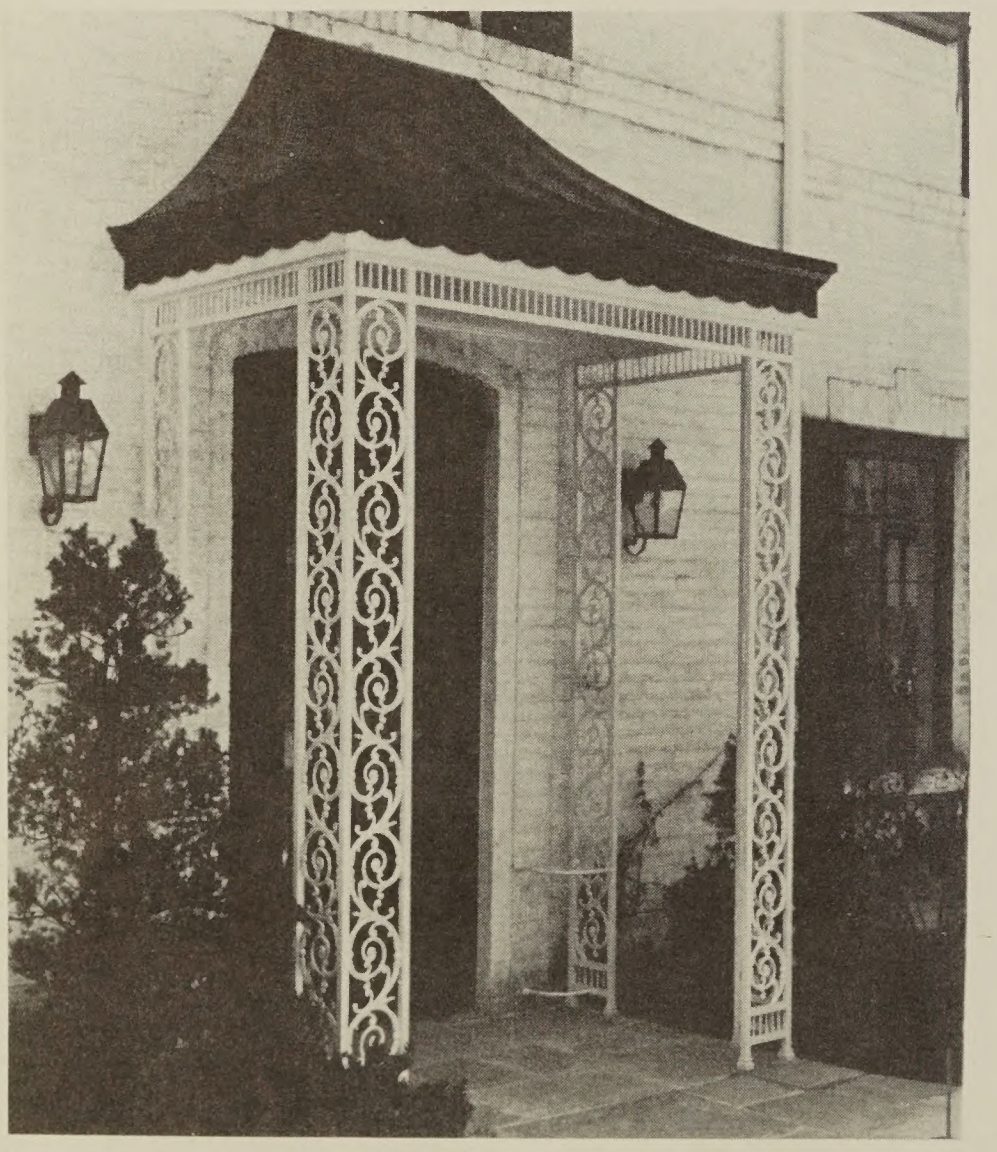
HEIRLOOM DESIGNS

The popularity of ornamental cast iron in this country reached its height during the first half of the nineteenth century, its manufacture centering in Philadelphia. The firm of Wood and Perot achieved a name for the tasteful elegance of its products. Original pieces may be found throughout the East and in profusion in the Vieux Carré of New Orleans.





IMAGINATIVE ARTISTRY

Except for the "Scroll" design, shown at the left, which is known to have been imported from France, there is no specific history attached to these designs, each of them having been copied and restyled many times by the firms that have made them in the past.

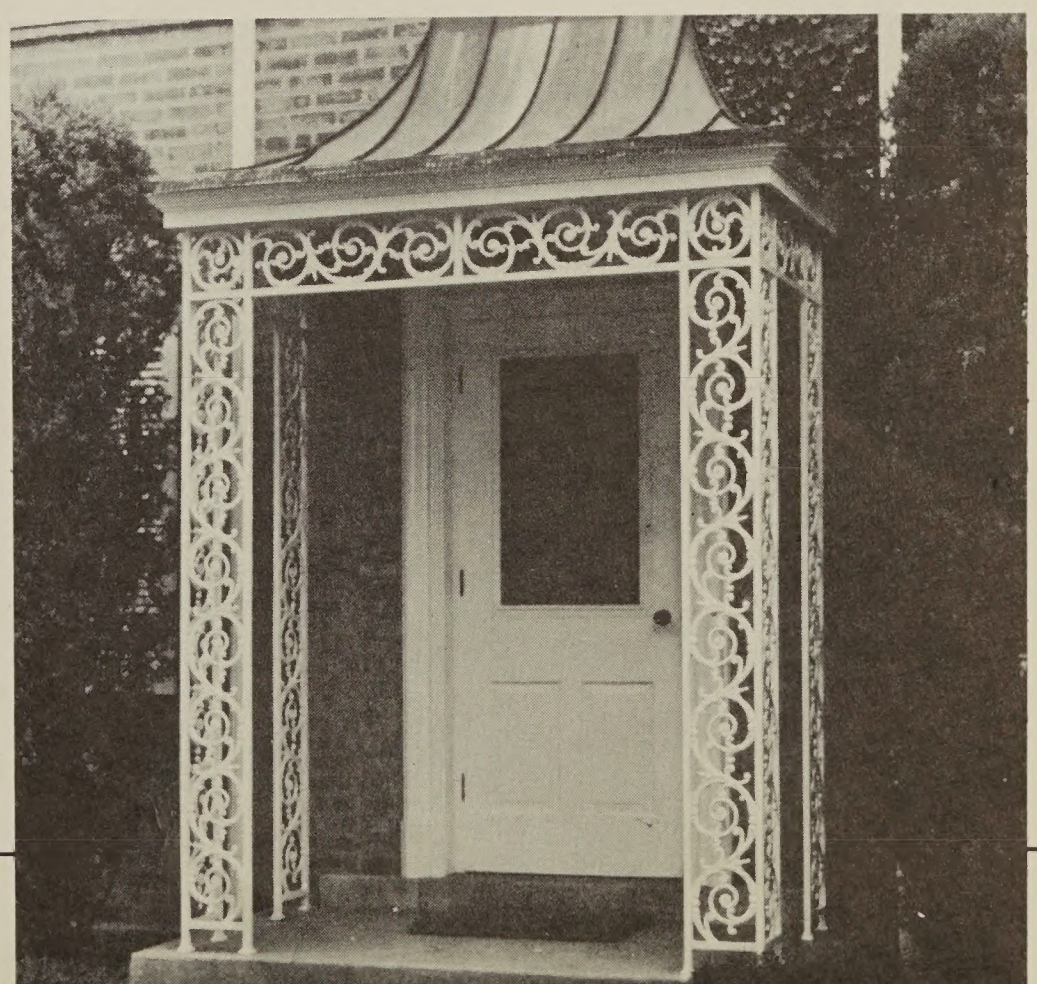
The numerous designs indicate English, Spanish, Moorish, Italian, French and possibly even German influence. Their use was intended to soften the classic simplicity of the architecture of the Greek Revival period. This was followed by a naturalistic approach to new designs that utilized plant life motifs; there is extant a cornstalk design!

THE OLD AND THE NEW

Original patterns, which were actually woodcarvings, have deteriorated beyond use or were destroyed during the Civil War. Rough castings have been used as patterns in the making of molds for new castings with resultant loss of detail. Rather than attempt to offer a maze of unrelated styles, the Sternberg Manufacturing Co. of Chicago have selected what is believed to be the most attractive, in restrained as well as ornate, designs and have employed sculptors to model in clay each of them, reviving lost detail and making them double-faced where most of the originals were flat on the reverse side.

FINEST WORKMANSHIP

Cast aluminum is used rather than cast iron because of the superior reproduction therefrom and the lack of brittleness characteristic of cast iron in thin sections, plus its being lighter in weight, a factor of importance when used on cantilevered balconies. Solid square steel is used for the framework of the columns in the size necessary for the load it is to support, one inch square normally being adequate. All welding is ground and filed smooth and the castings are fastened in place with countersunk screws. All materials are treated to inhibit corrosion and furnished with a coat of zinc chromate primer.



Catalog of dimensional detail and technical information sent upon request.
Firm quotations on complete fabrication supplied from drawings or sketches.

Sternberg Manufacturing Co. **4510 Addison Street** **Chicago 41, Illinois**

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